IAP6 Rec'd PCT/PTO 09 MAR 2007

PTO-1390 (Rev. 07-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER BGI-158US
DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (if known, see 37 CFR 1.5)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	10/579690 PRIORITY DATE CLAIMED
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/IB2004/004429 17 December 2004	18 December 2003
TITLE OF INVENTION METHODS FOR THE PREPARATION OF LYSINE BY FERMENTATION (OF CORYNEBACTERIUM GLUTAMICUM
APPLICANT(S) FOR DO/EO/US Oskar ZELDER <i>et al.</i>	
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/	US) the following items and other information:
1. This is a FIRST submission of items concerning a submission under 35 U.s	S.C. 371.
2. X This is a SECOND or SUBSEQUENT submission of items concerning a su	ıbmission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U include items (5), (6), (9) and (21) indicated below.	.S.C. 371(f)). The submission must
4. The US has been elected (Article 31).	
5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2))	
a. is attached hereto (required only if not communicated by the Internation	nal Bureau).
b. has been communicated by the International Bureau.	
c. is not required, as the application was filed in the United States Received	ing Office (RO/US).
6. An English language translation of the International Application as filed (35	U.S.C. 371(c)(2)).
a. is attached hereto.	
b. has been previously submitted under 35 U.S.C. 154(d)(4).	
7. Amendments to the claims of the International Application under PCT Artic	
a are attached hereto (required only if not communicated by the Internation	onal Bureau).
b. have been communicated by the International Bureau.	
c. have not been made; however, the time limit for making such amendment	ents has NOT expired.
d. have not been made and will not be made.	
8. An English language translation of the amendments to the claims under PC	CT Article 19 (35 U.S.C. 371(c)(3)).
9. x An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
An English language translation of the annexes of the International Prelimin Article 36 (35 U.S.C. 371(c)(5)).	nary Examination Report under PCT
Items 11 to 20 below concern document(s) or information included:	
11. x An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
12. An assignment document for recording. A separate cover sheet in complia	ance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.	
14. An Application Data Sheet under 37 CFR 1.76.	
15. A substitute specification.	
16 A power of attorney and/or change of address letter.	
17. A computer-readable form of the sequence listing in accordance with PC	CT Rule 13 <i>ter.</i> 2 and 37 CFR 1.821 – 1.825.
18. A second copy of the published International Application under 35 U.S.C	. 154(d)(4).
19. A second copy of the English language translation of the international ap	oplication under 35 U.S.C. 154(d)(4).
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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. 10/579690 PCT/IB2004/004429 **BGI-158US** Return Receipt Postcard Other items or information: Copy of Notification of Missing Requirements Response to Notification of Missing Requirements PTO Form SB/08 Copies of thirteen (13) references The following fees have been submitted **CALCULATIONS PTO USEONLY** Basic national fee (37 CFR 1.492(a)) \$300 21 Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)......\$0 \$ All other situations Search fee (37 CFR 1.492(b)) 23. If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an \$ previously communicated to the US by the IB......\$400 All other situations. \$ 0.00 TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **Total Sheets** Extra Sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number) x \$250.00 \$ - 100 = /50 = Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration \$ after the date of commencement of the national stage (37 CFR 1.492(h)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims - 20 = - 3 = Independent claims x MULTIPLE DEPENDENT CLAIM(S) (if applicable) + 0.00 **TOTAL OF ABOVE CALCULATIONS:** \$ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL = 0.00 \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). **TOTAL NATIONAL FEE =** \$ 0.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied \$ by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$ **TOTAL FEES ENCLOSED =** \$ 0.00 Amount to be \$ refunded: Amount to be \$ charged

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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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a. A check in the amount of \$			
b. Please charge my Deposit Account No. A duplicate copy of this sheet is enclosed.	in the amount of \$	0.00	_ to cover the above fees.
c. X The Commissioner is hereby authorized to charge a Account No. 12-0080 . A duplicate	ny additional fees which may be copy of this sheet is enclosed		dit any overpayment to Deposit
d. Fees are to be charged to a credit card. WARNIN should not be included on this form. Provide cr	G: Information on this form ma redit card information and auth	y become public orization on PTC	c. Credit card information 0-2038
NOTE: Where an appropriate time limit under 37 CFR 1 filed an granted to restore the International Application	495 has not been met, a peti to pending status.	tion to revive (3	37 CFR 1.137(a) or (b)) must be
		1 1	<i>1</i>
SEND ALL CORRESPONDENCE TO:		/ CX	aroh
Giulio A. DeConti, Jr., Esq.	SIGN	ATURE	
LAHIVE & COCKFIELD, LLP One Post Office Square	Maria I	accetrine 7a	charakis, Ph.D., J.D.
Boston, Massachusetts 02109-2127 (617) 227-7400	NAME		Silaranis, Fri.D., G.D.
CUSTOMER NUMBER: 00959			266
VIA: Express Mail: Airbill No. EV 957 645 83 March 9, 2007		STRATION NUM	BEK
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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Viginia 22313-1450

OC000000021924455

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATT	Y. DOCKET NO.
10/579,690	Oskar Zelder		GI158US
		INTERNATIONAL AP	PLICATION NO.
		PCT/IB04/	04429
959		I.A. FILING DATE	PRIORITY DATE
LAHIVE & COCKFIELD, LLP ONE POST OFFICE SQUARE		12/17/2004	12/18/2003
BOSTON, MA 02109-2127	DOCKETED MUSTIAN PROQUITEMENT 37	CONFIRM 71 FORMALITIES L	IATION NO. 4903 LETTER

Date Mailed: 01/10/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

UG. 10, 2007 - Fop w/6 Get

- Copy of the International Application filed on 05/18/2006
- Copy of the International Search Report filed on 05/18/2006
- Preliminary Amendments filed on 05/18/2006
- Biochemical Sequence Diskette filed on 05/18/2006
- Biochemical Sequence Listing filed on 05/18/2006
- U.S. Basic National Fees filed on 05/18/2006
- Priority Documents filed on 05/18/2006
- Specification filed on 05/18/2006
- Claims filed on 05/18/2006
- Abstracts filed on 05/18/2006
- Drawings filed on 05/18/2006
- Paper nucleotide sequence listings filed on 05/18/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

• Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time of 37 CFR 1.136(a).

JAN 1 2 2003

RETRIEVED

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO	
10/579.690	PCT/IB04/04429	BGI158US	

FORM PCT/DO/EO/905 (371 Formalities Notice)

Docket No.: BGI-158US

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Oskar Zelder et al.

Application No.: 10/579,690

Confirmation No.: 4903

Filing Date of

Art Unit: N/A

International Application: 17 December 2004

For: METHODS FOR THE PREPARATION OF

LYSINE BY FERMENTATION OF

CORYNEBACTERIUM GLUTAMICUM

Examiner: Not Yet Assigned

MS PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

Dear Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371, dated January 10, 2007, Applicant(s) respectfully submit(s) a Declaration, Petition and Power of Attorney, a copy of the Notification of Missing Requirements and an Information Disclosure Statement.

Applicants believe that no additional fee is required with this submission. However, if Applicants are in error, the Commissioner is authorized to charge any deficiency in the fees filed, or credit any overpayment to Deposit Account No. 12-0080, under Order No. BGI-158US, from which the undersigned is authorized to withdraw.

Dated: March 9, 2007

Respectfully submitted,

Maria Laccotripe Zacharakis, Ph.D., J.D.

Registration No.: 56,266

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Attorney/Agent For Applicant